

**Appendix Table 5-53 S&E articles in psychology, by coauthorship attribute and selected region/country/economy: 2000–13**

Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
World																
Total articles	18,817	17,938	18,413	19,291	20,476	22,912	24,726	26,148	28,521	30,047	31,552	33,911	35,775	37,194		
with multiple institutions	8,571	7,744	8,554	12,040	14,606	16,431	17,517	17,776	18,574	17,358	16,949	18,614	19,923	20,964		
with domestic institutions only	17,439	16,558	16,707	16,932	17,712	19,802	21,156	22,204	24,116	25,266	26,456	28,256	29,433	30,483		
with international institutions	1,378	1,380	1,706	2,359	2,764	3,110	3,570	3,944	4,405	4,781	5,096	5,655	6,342	6,711		
Canada																
Total articles	1,311	1,258	1,271	1,350	1,536	1,665	1,840	2,001	2,060	2,227	2,295	2,362	2,590	2,677		
with multiple institutions	668	650	696	1,001	1,257	1,352	1,460	1,533	1,552	1,537	1,487	1,542	1,739	1,777		
with domestic institutions only	1,068	985	926	890	968	1,038	1,160	1,242	1,278	1,392	1,456	1,441	1,537	1,612		
with international institutions	243	273	345	460	568	627	680	759	782	835	839	921	1,053	1,065		
Mexico																
Total articles	62	63	59	87	83	90	117	134	135	149	167	207	169	198		
with multiple institutions	35	41	39	62	57	75	90	94	106	99	96	139	102	126		
with domestic institutions only	45	48	44	45	53	46	75	86	74	92	106	116	93	109		
with international institutions	17	15	15	42	30	44	42	48	61	57	61	91	76	89		



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
United States																
Total articles	10,145	9,746	9,821	10,158	10,602	11,951	12,672	12,722	13,588	14,147	14,889	15,555	16,260	16,450		
with multiple institutions	4,972	4,553	5,098	6,902	8,229	9,273	9,723	9,382	9,526	8,902	8,676	9,313	9,867	10,168		
with domestic institutions only	9,360	8,945	8,860	8,815	9,050	10,251	10,769	10,614	11,306	11,770	12,285	12,744	13,071	13,189		
with international institutions	785	801	961	1,343	1,552	1,700	1,903	2,108	2,282	2,377	2,604	2,811	3,189	3,261		
Argentina																
Total articles	28	18	31	30	48	37	47	54	88	106	131	116	164	154		
with multiple institutions	17	8	21	19	35	29	32	43	45	63	76	70	97	94		
with domestic institutions only	18	15	21	20	27	24	25	36	63	78	86	79	112	100		
with international institutions	10	3	10	10	21	13	22	18	25	28	45	37	52	54		
Brazil																
Total articles	148	46	93	81	112	143	354	385	559	546	647	653	833	825		
with multiple institutions	72	29	44	53	87	114	270	290	374	303	402	359	525	476		
with domestic institutions only	124	27	68	51	67	93	274	302	461	461	538	539	662	661		
with international institutions	24	19	25	30	45	50	80	83	98	85	109	114	171	164		
Chile																
Total articles	6	6	14	20	25	27	39	64	69	104	96	102	142	153		
with multiple institutions	5	3	8	14	20	22	31	47	38	59	54	69	74	99		



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013			
with domestic institutions only	4	5	12	9	13	16	18	39	44	66	63	57	98	81			
with international institutions	2	1	2	11	12	11	21	25	25	38	33	45	44	72			
Austria																	
Total articles	57	81	89	96	127	127	125	142	188	190	222	277	302	296			
with multiple institutions	26	38	47	62	95	98	97	115	140	125	159	186	205	212			
with domestic institutions only	41	60	61	56	62	56	64	59	88	94	89	114	135	117			
with international institutions	16	21	28	40	65	71	61	83	100	96	133	163	167	179			
Belgium																	
Total articles	148	176	209	232	315	344	404	413	512	546	578	611	710	709			
with multiple institutions	84	83	112	165	231	277	295	302	362	370	399	416	473	510			
with domestic institutions only	104	134	146	136	185	179	246	249	301	282	301	299	369	331			
with international institutions	44	42	63	96	130	165	158	164	211	264	277	312	341	378			
Czech Republic																	
Total articles	36	52	79	72	94	84	117	127	121	102	130	121	143	160			
with multiple institutions	14	30	22	42	52	48	63	76	73	52	64	59	68	69			
with domestic institutions only	27	36	67	56	75	71	102	105	96	82	101	86	104	118			
with international institutions	9	16	12	16	19	13	15	22	25	20	29	35	39	42			



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013			
Denmark																	
Total articles	77	67	86	102	101	101	131	146	156	185	165	190	231	254			
with multiple institutions	34	35	42	67	68	74	90	105	108	123	107	135	168	173			
with domestic institutions only	54	42	64	66	69	60	77	75	83	91	87	93	113	127			
with international institutions	23	25	22	36	32	41	54	71	73	94	78	97	118	127			
Finland																	
Total articles	146	111	129	164	166	166	184	207	210	248	234	296	275	288			
with multiple institutions	74	55	80	125	130	132	153	158	167	185	164	203	201	210			
with domestic institutions only	119	86	81	105	110	102	110	118	118	143	135	172	154	151			
with international institutions	27	25	48	59	56	64	74	89	92	105	99	124	121	137			
France																	
Total articles	567	818	885	880	1,003	1,074	1,082	1,213	1,289	1,379	1,378	1,477	1,490	1,533			
with multiple institutions	257	270	318	379	499	531	555	615	705	738	756	842	887	900			
with domestic institutions only	439	720	738	724	802	836	809	933	951	991	986	1,052	1,010	1,052			
with international institutions	128	98	147	156	201	238	273	280	338	388	392	425	480	481			
Germany																	
Total articles	1,100	1,031	1,090	1,241	1,306	1,501	1,612	1,783	2,036	2,083	2,194	2,403	2,580	2,716			
with multiple institutions	547	511	478	749	949	1,078	1,157	1,261	1,404	1,379	1,385	1,507	1,646	1,776			

Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
with domestic institutions only	886	812	856	894	918	1,049	1,100	1,196	1,367	1,313	1,364	1,491	1,586	1,632		
with international institutions	214	219	234	347	388	452	512	587	669	770	830	912	994	1,084		
Greece																
Total articles	28	31	33	58	64	85	94	91	114	102	147	147	154	178		
with multiple institutions	10	12	14	40	49	64	75	64	81	62	93	83	98	105		
with domestic institutions only	24	23	22	34	40	45	51	65	71	70	87	106	92	112		
with international institutions	4	8	11	24	24	40	43	26	43	32	60	41	62	66		
Hungary																
Total articles	28	29	22	43	42	39	40	78	69	76	75	108	108	137		
with multiple institutions	19	18	15	34	34	33	30	40	40	53	50	64	72	91		
with domestic institutions only	18	18	13	20	21	21	22	48	46	44	35	68	58	77		
with international institutions	10	11	9	23	21	18	18	30	23	32	40	40	50	60		
Ireland																
Total articles	73	65	53	43	83	91	84	104	121	139	143	162	192	226		
with multiple institutions	50	40	32	31	68	73	68	72	92	112	101	112	118	163		
with domestic institutions only	51	43	33	23	39	38	40	51	62	59	65	76	108	109		
with international institutions	22	22	20	20	44	53	44	53	59	80	78	86	84	117		



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013			
Italy																	
Total articles	235	270	279	365	390	407	521	601	681	770	815	1,000	1,115	1,184			
with multiple institutions	118	147	160	276	292	321	395	456	496	527	568	623	659	720			
with domestic institutions only	186	195	201	235	265	250	313	351	417	479	469	673	722	787			
with international institutions	49	75	78	130	125	157	208	250	264	291	346	327	393	397			
Netherlands																	
Total articles	626	550	626	726	794	903	970	1,103	1,325	1,401	1,552	1,609	1,675	1,632			
with multiple institutions	340	298	370	537	630	712	785	845	1,016	993	1,080	1,130	1,222	1,222			
with domestic institutions only	496	414	450	474	498	572	603	715	837	839	899	931	900	821			
with international institutions	130	136	176	252	296	331	367	388	488	562	653	678	775	811			
Poland																	
Total articles	46	29	26	41	49	74	44	89	73	79	84	170	212	334			
with multiple institutions	21	12	13	24	36	53	29	67	50	51	47	86	110	160			
with domestic institutions only	33	21	18	23	23	41	27	46	44	36	50	112	131	221			
with international institutions	13	8	8	18	26	33	17	43	29	43	34	58	81	113			
Portugal																	
Total articles	41	29	40	50	42	57	89	90	130	166	212	298	352	442			
with multiple institutions	29	18	26	39	34	41	74	67	97	130	141	209	254	289			

Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013			
with domestic institutions only	21	16	20	26	19	32	39	41	72	79	116	159	189	276			
with international institutions	20	13	20	24	23	25	50	49	58	87	96	139	163	166			
Romania																	
Total articles	6	4	4	5	14	9	7	23	27	28	34	73	107	114			
with multiple institutions	4	2	4	4	10	8	6	22	17	17	21	27	41	63			
with domestic institutions only	2	3	0	2	7	2	1	7	19	17	15	52	79	72			
with international institutions	4	1	4	3	7	7	6	16	8	11	19	21	28	42			
Spain																	
Total articles	211	247	310	347	402	445	523	630	777	897	931	1,157	1,257	1,394			
with multiple institutions	111	114	158	259	320	347	435	502	598	600	559	734	827	838			
with domestic institutions only	154	190	237	249	280	314	339	382	516	601	620	779	813	939			
with international institutions	57	57	73	98	122	131	184	248	261	296	311	378	444	455			
Sweden																	
Total articles	359	250	256	307	281	333	394	411	433	430	395	478	518	550			
with multiple institutions	183	128	137	231	216	258	295	283	334	306	262	327	358	406			
with domestic institutions only	281	192	186	210	179	218	251	281	256	257	231	266	284	308			
with international institutions	78	58	70	97	102	115	143	130	177	173	164	212	234	242			



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013			
United Kingdom																	
Total articles	2,093	1,974	2,087	2,398	2,599	2,849	3,048	3,283	3,404	3,607	3,671	3,895	4,065	4,318			
with multiple institutions	1,074	982	1,109	1,519	1,855	2,070	2,201	2,401	2,370	2,282	2,259	2,469	2,582	2,817			
with domestic institutions only	1,752	1,592	1,611	1,760	1,777	1,958	1,976	2,093	2,141	2,292	2,317	2,440	2,440	2,608			
with international institutions	341	382	476	638	822	891	1,072	1,190	1,263	1,315	1,354	1,455	1,625	1,710			
Norway																	
Total articles	120	119	155	159	159	165	212	227	273	311	334	371	371	430			
with multiple institutions	57	61	89	115	130	132	162	187	204	223	233	271	280	327			
with domestic institutions only	94	95	107	95	91	99	119	122	153	165	195	220	193	230			
with international institutions	26	24	48	64	68	66	93	105	120	146	139	151	178	200			
Russia																	
Total articles	68	60	82	82	93	88	89	96	87	108	103	86	124	105			
with multiple institutions	18	26	26	40	40	36	43	52	36	45	47	38	59	61			
with domestic institutions only	54	37	64	62	65	66	66	71	69	85	71	64	75	62			
with international institutions	14	23	18	20	28	22	23	25	18	23	32	22	49	43			
Switzerland																	
Total articles	176	140	154	238	269	308	335	411	499	525	526	564	613	653			
with multiple institutions	85	55	77	176	194	243	266	309	387	371	362	390	458	482			



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
with domestic institutions only	130	112	104	118	138	156	149	173	217	238	239	241	253	255		
with international institutions	46	28	50	120	131	152	186	238	282	287	287	323	360	398		
Iran																
Total articles	11	5	13	23	21	24	40	41	56	49	58	80	81	90		
with multiple institutions	6	2	6	18	17	21	39	29	43	32	44	54	55	69		
with domestic institutions only	5	5	9	12	14	14	23	26	37	30	39	49	46	51		
with international institutions	6	0	4	11	7	10	17	15	19	19	19	31	35	39		
Israel																
Total articles	260	270	282	301	282	319	358	408	458	431	468	540	614	560		
with multiple institutions	137	132	150	196	206	252	275	288	325	280	297	334	388	368		
with domestic institutions only	205	215	213	216	190	218	232	283	316	283	284	332	378	339		
with international institutions	55	55	69	85	92	101	126	125	142	148	184	208	236	221		
Saudi Arabia																
Total articles	4	5	9	13	9	10	10	6	7	10	21	21	16	50		
with multiple institutions	0	1	1	3	3	2	6	1	3	7	12	14	15	43		
with domestic institutions only	4	5	8	10	7	8	4	5	5	3	9	8	1	8		
with international institutions	0	0	1	3	2	2	6	1	2	7	12	13	15	42		



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013			
Turkey																	
Total articles	49	52	64	75	91	112	123	148	167	219	179	185	216	238			
with multiple institutions	29	33	38	58	76	95	101	111	138	138	107	103	147	156			
with domestic institutions only	30	34	47	57	61	80	92	108	126	159	130	132	137	167			
with international institutions	19	18	17	18	30	32	31	40	41	60	49	53	79	71			
Egypt																	
Total articles	1	10	3	6	8	1	8	10	9	16	19	15	26	32			
with multiple institutions	0	9	1	5	2	1	8	5	8	13	7	10	20	25			
with domestic institutions only	1	6	2	1	7	0	0	5	2	5	12	5	6	10			
with international institutions	0	4	1	5	1	1	8	5	7	11	7	10	20	22			
South Africa																	
Total articles	98	88	97	130	131	138	189	157	226	201	219	250	291	335			
with multiple institutions	46	36	48	81	97	110	135	116	136	99	99	121	157	165			
with domestic institutions only	78	74	67	92	77	83	114	92	155	142	153	169	184	214			
with international institutions	20	14	30	38	54	55	75	65	71	59	66	81	107	121			
China																	
Total articles	165	135	161	205	238	226	266	326	392	520	582	683	846	904			
with multiple institutions	97	66	88	148	202	186	202	252	310	393	433	525	648	716			



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
with domestic institutions only	103	98	93	108	134	113	142	171	195	263	283	316	450	420		
with international institutions	62	37	68	97	104	113	124	155	197	257	299	367	396	484		
India																
Total articles	51	29	36	43	54	56	77	79	78	78	115	164	188	172		
with multiple institutions	31	12	17	29	35	35	59	50	49	48	69	85	102	107		
with domestic institutions only	35	26	25	30	41	33	53	56	57	45	75	125	128	102		
with international institutions	16	3	11	13	13	23	24	23	21	33	40	39	60	70		
Japan																
Total articles	450	420	386	372	447	571	506	593	553	601	628	639	658	645		
with multiple institutions	218	215	188	229	323	413	376	449	401	395	385	416	457	391		
with domestic institutions only	378	335	315	286	345	456	377	450	416	461	476	478	478	494		
with international institutions	72	85	71	86	102	115	129	143	137	140	152	161	180	151		
Malaysia																
Total articles	12	3	10	9	14	10	18	9	20	29	43	60	96	90		
with multiple institutions	7	1	7	8	13	8	13	9	18	25	36	42	72	68		
with domestic institutions only	8	2	5	7	5	4	13	1	4	7	11	25	34	32		
with international institutions	4	1	5	2	9	6	5	8	16	22	32	35	62	58		



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013			
Singapore																	
Total articles	47	26	30	49	38	33	61	72	99	119	118	156	161	186			
with multiple institutions	22	9	9	31	30	27	45	59	80	89	86	126	107	131			
with domestic institutions only	33	21	23	29	18	19	38	26	45	42	42	45	68	75			
with international institutions	14	5	7	20	20	14	23	46	54	77	76	111	93	111			
South Korea																	
Total articles	63	52	52	74	74	100	121	157	126	177	196	272	269	313			
with multiple institutions	32	34	37	58	57	82	108	129	103	138	141	192	205	232			
with domestic institutions only	48	32	29	30	39	48	46	68	63	81	99	149	132	159			
with international institutions	15	20	23	44	35	52	75	89	63	96	97	123	137	154			
Taiwan																	
Total articles	67	43	45	89	96	120	137	217	245	266	303	373	376	384			
with multiple institutions	27	21	21	50	74	93	102	181	193	194	196	248	265	275			
with domestic institutions only	58	32	37	64	68	78	102	165	184	198	228	281	260	277			
with international institutions	9	11	8	25	28	42	35	52	61	68	75	92	116	107			
Australia																	
Total articles	708	700	759	796	896	1,047	1,099	1,208	1,354	1,445	1,551	1,702	1,789	2,088			
with multiple institutions	309	308	410	574	705	772	808	864	911	915	944	1,123	1,188	1,417			



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Region/country/economy and coauthorship attribute	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013		
with domestic institutions only	575	556	561	536	584	712	719	810	901	937	986	1,018	1,076	1,256		
with international institutions	133	144	198	260	312	335	380	398	453	508	565	684	713	832		
New Zealand																
Total articles	177	162	177	199	251	227	290	273	305	307	323	388	340	360		
with multiple institutions	99	78	107	141	198	184	225	215	232	194	185	236	207	231		
with domestic institutions only	126	120	121	117	128	121	159	134	147	151	183	211	185	187		
with international institutions	51	42	56	82	123	106	131	139	158	156	140	177	155	173		

NOTES: Article counts refer to publications from a selection of journals, books, and conference proceedings in S&E from Scopus. Articles are classified by their year of publication and are assigned to a region/country/economy on the basis of the institutional address(es) listed in the article. Articles are credited on a whole-count basis (i.e., each collaborating country/economy is credited with one count). Countries/economies with less than 1% of internationally coauthored articles in 2013 are omitted. Articles with multiple institutions are counts of articles with two or more institutional addresses. Articles with domestic institutions only are counts of articles with one or more institutional addresses all within a single country/economy. Articles with international institutions are counts of articles with institutional addresses from more than one country/economy.

SOURCES: National Science Foundation, National Center for Science and Engineering Statistics; SRI International; Science-Metrix; Elsevier, Scopus abstract and citation database (www.scopus.com).

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